



WICHITA STATE
UNIVERSITY
OFFICE OF RESEARCH

INSIDE RESEARCH & Funding Opportunities

News, Events and Resources for the WSU Research Community

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July 25, 2023

Congratulations to those who received grants in June! The tentative numbers for WSU researchers under Academic Affairs for FY2023 are: submitted proposals budgeted a total of \$91,355,481, \$78,147,769 in awards received, and \$3,857,731 in indirect cost recovery generated. Congratulations and thank you for all of your talents and hard work.

You will also find a spotlight on Laura Pham in the Announcement section. Laura is a Contracts and Grants Specialist on the Pre-Award team.

We wish you much success in your research efforts over the next month.

Coleen Pugh, Vice Provost for Research

AWARDS

ENVIRONMENTAL JUSTICE THRIVING COMMUNITIES TECHNICAL ASSISTANCE CENTERS PROGRAM

PI/Department: Tonya Bronleewe, HWS of Urban & Public Affairs

Sponsor: Environmental Protection Agency

Amount: \$4,000,000

WICHITA STATE UNIVERSITY EFC REGION 7 WATER INFRASTRUCTURE

PI/Department: Tonya Bronleewe, HWS of Urban & Public Affairs

Sponsor: Environmental Protection Agency

Amount: \$1,353,214

BOARD DEVELOPMENT & SUPPORT

PI/Department: Misty Bruckner, Public Policy & Management Center

Sponsor: Aging Projects, Inc.

Amount: \$20,000

FIRE DEPARTMENT ASSESSMENT

PI/Department: Misty Bruckner, Public Policy & Management Center

Sponsor: City of Larned

Amount: \$14,000

HOMELESSNESS TASK FORCE FRAMEWORK DEVELOPMENT

PI/Department: Misty Bruckner, Public Policy & Management Center

Sponsor: City of Wichita

Amount: \$48,765

KANSAS AVIATION MUSEUM STRATEGIC PLANNING

PI/Department: Misty Bruckner, Public Policy & Management Center

Sponsor: Kansas Aviation Museum

Amount: \$18,725

TO THE STARS EVENT

PI/Department: Misty Bruckner, Public Policy & Management Center

Sponsor: Kansas Department of Commerce

Amount: \$17,458

**AMERICAN RESCUE PLAN ACT OF 2021 MEMORANDUM OF AGREEMENT -
HESC (HEALTH EDUCATION SCIENCE CENTER) - KANSAS OFFICE OF RECOVERY
- ARPA FUNDS AS AUTHORIZED BY 2022 SESSION LAWS CHAPTER 97,
SECTION 35**

PI/Department: Troy Bruun, Financial Operations

Sponsor: State of Kansas / U.S. Department of Treasury

Amount: \$10,000,000

WICHITA STATE UNIVERSITY ARPA 2 - HEALTH SCIENCES EDUCATION COMPLEX

PI/Department: Troy Bruun, Financial Operations

Sponsor: Kansas Department of Commerce / U.S. Department of Treasury

Amount: \$25,000,000

**ERI: WORKLOAD-INFORMED OPERATIONS FOR EMERGENCY MEDICAL
SERVICES AND OTHER FIRST-RESPONDER SYSTEMS**

PI/Department: Laila Cure Vellojin, Industrial & Manufacturing Eng

Sponsor: Natl Science Foundation

Amount: \$16,000

PLANEVIEW CC SURVEY 2023

PI/Department: Crystal Dozier, Anthropology

Sponsor: City of Wichita

Amount: \$5,564

**DEVELOP MICROFLUIDIC PLATFORMS AND TECHNOLOGIES TO ENABLE
SENSITIVE DETECTION OF GLYPHOSATE IN COMPLICATED SAMPLES**

PI/Department: Maojun Gong, Chemistry

Sponsor: State of Kansas - ARCS

Amount: \$4,000

WICHITA STATE UNIVERSITY SAKI TTA FY22 SUPPLEMENTAL AWARD SOW

PI/Department: Rachael Goodman-Williams, Psychology

Sponsor: RTI International / Department of Justice

Amount: \$73,255

SMALL MOLECULE INHIBITORS AGAINST 3C-LIKE PROTEASE OF SARS-COV-2 (MOD 2)

PI/Department: William Groutas, Chemistry

Sponsor: Kansas State University / Natl Institutes of Health

Amount: \$218,910

2022 DOD CYSP GRANT PROGRAM - WICHITA STATE UNIVERSITY

PI/Department: Joseph Jabara, School of Computing

Sponsor: Natl Security Agency

Amount: \$65,130

KANSAS NATIONAL SPACE GRANT COLLEGE AND FELLOWSHIP PROGRAM – OPPORTUNITIES IN NASA STEM FY 2020-2024

PI/Department: Linda Kliment, Aerospace Engineering

Sponsor: Natl Aeronautics & Space Admn

Amount: \$800,000

PHYSICS-INFORMED-AI ENABLED SMART ELECTROSPINNING OF NANOFIBER MEMBRANES TOWARDS IN-SPACE MANUFACTURING

PI/Department: Linda Kliment, Aerospace Engineering

Co-PI/Department: Atri Dutta, Aerospace Engineering | Wujun Si, Industrial & Manufacturing Eng

Sponsor: Natl Aeronautics & Space Admn

Amount: \$750,000

INTERPERSONAL COMMUNICATION COMPETENCE, EPISTEMIC ASSERTIVENESS, AND CREDENCE IN EDUCATIONAL DISCOURSES

PI/Department: Beatrice Latavietz, Applied Studies Dean's Office

Sponsor: State of Kansas - URCA

Amount: \$4,500

RESEARCH FELLOWSHIP AGREEMENT

PI/Department: Yuan Liu, Mathematics & Statistics & Physics

Sponsor: Brown University

Amount: \$24,000

QUALITY FAB DIGITAL PROGNOSTICS

PI/Department: Wilfredo Moscoso, Industrial & Manufacturing Eng

Sponsor: Spirit Aerosystems, Inc.

Amount: \$100,000

AIP TEAM-UP MINI-GRANT TO SUPPORT RECRUITMENT OF AFRICAN AMERICAN PHYSICS UNDERGRADUATE STUDENTS TO WICHITA STATE UNIVERSITY

PI/Department: Mathew Muether, Physics

Sponsor: American Institute of Physics

Amount: \$2,500

MOCK TRIAL – DOVSAL

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$4,000

MOCK TRIAL – JSPVBEH

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$4,000

MOCK TRIAL – MICVSEA

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$3,000

MOCK TRIAL – SCHVKIN

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$3,500

MOCK TRIAL – TZAVKINFG

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$3,500

MOCK TRIAL – TZAVKINMT

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$4,000

MOCK TRIAL- NSVLEG

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$3,500

MONTHLY AIRPORT EVALUATIONS - AMD 1

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Wichita Airport Authority

Amount: \$3,060

MONTHLY AIRPORT EVALUATIONS - AMD 2

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Wichita Airport Authority

Amount: \$1,020

A FLEXIBLE LITHIUM NEUTRON SHIELDING MATERIAL (FLINS) USING A NOVEL 6LI-BASED COMPOSITE (STTR PHASE I)

PI/Department: Coleen Pugh, Chemistry
Sponsor: Phase III Physics / Department of Energy
Amount: \$63,000

FREE TO BELIEVE: COMMUNITY DECLINE AND POLITICAL PERSUASION IN THE POST-INDUSTRIAL MIDWEST

PI/Department: Kartikeya Saboo, Anthropology
Sponsor: State of Kansas - URCA
Amount: \$4,500

RII TRACK-1: ADAPTIVE AND RESILIENT INFRASTRUCTURES DRIVEN BY SOCIAL EQUITY (ARISE)

PI/Department: Ehsan Salari, Industrial & Manufacturing Eng
Co-PI/Department: Visvakumar Aravinthan, Electrical & Computer Engr | Charles Clark, Psychology | Abigail Devereaux, Economics | Siyu Wang, Economics
Sponsor: Univ of Kansas Ctr - Research, Inc. / Natl Science Foundation
Amount: \$65,565

DEVELOPING ART CURRICULUM CENTERED IN PLACE, IDENTITY & ENVIRONMENT PRIVILEGING INDIGENOUS PEDAGOGY, AND THE VOICES OF INDIGENOUS ARTISTS

PI/Department: Lori Santos, School of Art & Design
Sponsor: State of Kansas - ARCS
Amount: \$4,000

RESPONSES OF MICROBIAL ISOLATES FROM SPACECRAFT ASSEMBLY FACILITIES TO THE CHEMICAL AND PHYSICAL CONDITIONS OF MARS AND THE OCEAN WORLDS

PI/Department: Mark Schneegurt, Biological Sciences

Sponsor: Natl Aeronautics & Space Admn

Amount: \$128,213

FAMILIARIZATION TRAINING GAME FOR AUGMENTED REALITY SPACESUIT USER INTERFACE

PI/Department: Maggie Schoonover, Innovation and Design

Co-PI/Department: Jeremy Patterson, Innovation and Design | Kristyn Waits, Innovation and Design

Sponsor: Natl Aeronautics & Space Admn

Amount: \$19,272

STRENGTHENING PATHWAYS FROM STUDENT TO TEACHER: FILLING SPECIAL EDUCATION AND ELEMENTARY CLASSROOM VACANCIES

PI/Department: Julie Thiele, School of Education

Sponsor: Kansas Board of Regents

Amount: \$97,000

ANIMAL ASSISTED INTERVENTION WITH NURSING STUDENTS

PI/Department: Jennifer Thornberry, School of Nursing

Sponsor: State of Kansas - URCA

Amount: \$4,500

WICHITA STATE UNIVERSITY UPWARD BOUND REGULAR PROGRAM IN COMMUNICATION (YEAR 2)

PI/Department: Carla Williams, ED - Upward Bound Communication

Sponsor: Department of Education - US

Amount: \$278,305

RELATIONS AMONG EMOTIONAL REACTIVITY, REGULATION, SOCIOECONOMIC STATUS, AND LITERACY SKILLS IN YOUNG LEARNERS

PI/Department: Kimberly Wilson, School of Education

Sponsor: State of Kansas - URCA

Amount: \$4,500

AMERICORPS KANSAS WITH LEGACY MINISTRIES

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Legacy Ministries, Inc.

Amount: \$11,300

CCBHC ADMINISTRATIVE SUPPORT

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Kansas Department for Aging & Disability Services

Amount: \$37,938

WSU TRAINING & COMMUNITY ENGAGEMENT INSTITUTE

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Dept of Health & Environment - Kansas / Centers for Medicare & Medicaid Services

Amount: \$2,466,486

KANSAS COMMUNITY SUICIDE PREVENTION GRANT

PI/Department: Marci Young, Counseling & Testing Center

Sponsor: Kansas Department for Aging & Disability Services

Amount: \$43,750

MONTHLY AWARDS FOR THE DIVISION OF INDUSTRY AND DEFENSE EQUAL \$14,276,498, OF WHICH \$14,168,228 BELONGS TO THE NATIONAL INSTITUTE OF AVIATION RESEARCH (NIAR).

FUNDING OPPORTUNITIES

Focused Funding Opportunities

For access to [WSU's Pivot](#) account to search for funding opportunities, please sign up and affiliate with Wichita State University using your WSU email address. To request assistance with a customized search please contact funding@wichita.edu. If any of the following opportunities are of interest to you, please email proposals@wichita.edu as soon as possible so that a grant specialist may be assigned to assist. Visit [Pre-Award Services](#) to find out more about applying for external funding. COMING SOON: a new proposal intake form that will help expedite the proposal assignment process for WSU faculty and staff!

Funding Agency: Wild Animal Initiative

Title: [2023 Seed Grants](#)

Application Deadlines: Expressions of Interest due August 4, 2023; If invited, Full Application due October 13, 2023

Purpose: "Wild Animal Initiative's Seed Grants program provides small amounts of funding to facilitate projects that will test promising new techniques or approaches, incorporate welfare assessments into ecological research and management, or adapt animal welfare science approaches for wild contexts. Seed Grants are ideal for early-career scientists or more established principal investigators who have no previous experience with wild animal welfare research."

Amount: \$2,000-\$30,000

Funding Agency: Amyotrophic Lateral Sclerosis Association (ALS)

Title: [Quality of Care Research Awards](#)

Application Deadlines: Letter of Intent due August 9, 2023; If invited, Full Application due October 11, 2023

Purpose: “to support the development and/or testing of interventions intended to improve quality of life; make ALS care safer, of higher quality, more accessible, more equitable, and more affordable; reduce complications; and enhance service delivery at the point of care.”

Amount: \$500,000

Funding Agency: Robert Wood Johnson Foundation

Title: [Policies for Action: Effects of State Preemption Policies on Racial Justice and Health Equity](#)

Application Deadlines: Letter of Intent due August 10, 2023; If invited, Full Application due December 22, 2023

Purpose: “The goal is to build the evidence base investigating how preemption policies at the state level may affect racial justice and health equity. Research should focus on how state-level preemption impacts local authority; apply a racial equity lens to the policy research processes and outcomes; and include community groups and/or members, especially those from historically marginalized communities, as leaders or partners in all stages of the research.”

Amount: \$30,000-\$450,000

Funding Agency: WITH Foundation & Robert Wood Johnson Foundation (RWJF)

Title: [Current Grant Cycle: Supporting Healthcare Equity in Communities of Color for Older Adults with Intellectual and Developmental Disabilities](#)

Application Deadline: August 15, 2023

Purpose: “WITH and RWJF are providing this funding opportunity in an effort to support projects fostering health and healthcare systems transformation for Older Adults with Intellectual and Developmental Disabilities in Communities of Color. This RFP is intended to support projects for a period of one (1) year. This RFP also seeks to foster the development of new partnerships between community, healthcare, and disability organizations. If the proposed project includes organizations that have an established/existing partnership(s), then the proposed project should include significant and new efforts undertaken by the partnership and/or new partners joining the existing collaborative efforts. Partnerships that are led by or include BIPOC-led organizations are encouraged.”

Amount: \$50,000-\$100,000

Funding Agency: U.S. Department of Agriculture (USDA): Rural Development

Title: [Rural Energy for America Technical Assistance Grant Program \(REAP TAG\)](#)

Application Deadline: August 15, 2023

Purpose: “The purpose of the REAP TAG Program is to enable applicants to provide technical assistance to Agricultural Producers and Rural Small Businesses applying to REAP, with priority for Applicants assisting distressed or disadvantaged communities and for Applicants pursuing projects using underutilized technologies or seeking grants under \$20,000. To meet this purpose, the Agency will make grants to eligible entities to provide services to assist potential REAP Applicants in submitting Complete Applications.”

Amount: \$100,000-\$500,000

REMINDER - Funding Agency: Kansas NASA EPSCoR

Title: [NASA Notice of Funding Opportunity \(NOFO\)](#)

Application Deadline: August 18, 2023 at 12noon

Purpose: “The research efforts must: 1) Contribute to and promote the development of research capability in NASA EPSCoR jurisdictions (i.e., Kansas) in areas of strategic importance to the NASA mission; 2) Improve the capabilities of the NASA EPSCoR jurisdictions to gain support from sources outside the NASA EPSCoR program; 3) Develop partnerships among NASA research assets, academic institutions, and industry; and 4) Contribute to the overall research infrastructure and economic development of NASA EPSCoR jurisdictions.”

Amount: \$750,000; Note, cost match is required.

REMINDER - Funding Agency: Kansas NSF EPSCoR

Title: [First Awards and REI Awards](#)

Application Deadline: August 31, 2023

Purpose: “First Awards are seed grants for early career, tenure track faculty. They are designed to spur research in resiliency and smart infrastructure while helping awardees compete nationally for funding. REI Awards are for any faculty member at designated universities in Kansas to kickstart projects in resiliency.”

Amount: Direct costs budget of \$50,000

Funding Agency: Burroughs Wellcome Fund

Title: [Climate and Health Interdisciplinary Awards \(CHI\)](#)

Application Deadlines: Letter of Intent due August 31, 2023; If invited, Full Application due November 1, 2023

Purpose: “This award provides support for collaborative exploratory work that opens new ground for comprehensively assessing or mitigating the impacts of climate change on

human health. This program will support both individual scientists and multi-investigator teams. Early career faculty and postdoctoral fellows nearing their transition to independence are especially encouraged to apply, whether individually or within teams. Our goal is to prime new discoveries in areas that are difficult to reach through discipline-specific, silo-driven approaches. Through this program, we will provide flexible funding for conceiving and piloting work that will grow into productive and informative collaborations among researchers approaching connected questions from fields that usually do not interact.”

Amount: \$375,000

Funding Agency: National Institutes of Health (NIH): National Center for Complementary and Integrative Health (NCCIH)

Title: [Research Resource for Systematic Reviews of Complementary and Integrative Health \(R24 Clinical Trial Not Allowed\)](#)

Application Deadlines: August 31, 2023

Purpose: “This initiative seeks a research resource that will continue to build, grow and maintain a database of clinical trials of complementary and integrative health interventions, that can be used to conduct systematic reviews to inform the public, practitioners, and policy makers. The research team will need to describe the features of the database, and whether it is building upon or converting an existing database, and how it will be maintained and kept current during the award period. This initiative also encourages applicants to address means to increase outreach, access and use of the database for systematic reviews from the broader scientific community.”

Amount: Applicants should propose a budget that is reasonable and appropriate for completion of the research project. Application budgets may not exceed \$400,000 direct costs per year (excluding consortium F&A).

Funding Agency: Samuel H. Kress Foundation

Title: [History of Art Grants](#)

Application Deadlines: Letter of Intent due September 1, 2023; If invited, Full Application due October 1, 2023

Purpose: “The History of Art Grants program supports scholarly projects that will enhance the appreciation and understanding of European works of art and architecture from antiquity to the early 19th century. Grants are awarded to projects that create and disseminate specialized knowledge, including archival projects, development and dissemination of scholarly databases, documentation projects, museum exhibitions and publications, photographic campaigns, scholarly catalogues and publications, and technical and scientific studies. Grants are also awarded for activities that permit art historians to share their expertise through international exchanges, professional meetings, conferences, symposia, consultations, the presentation of research, and other professional events.”

Amount: Unspecified

Funding Agency: Samuel H. Kress Foundation

Title: [Digital Art History Grants](#)

Application Deadlines: Letter of Intent due September 1, 2023; If invited, Full Application due October 1, 2023

Purpose: “The Digital Art History Grants program is intended to foster new forms of research and collaboration as well as new approaches to teaching and learning. Support may also be offered for the digitization of important visual resources (especially essential art history photographic archives) in the area of pre-modern European art history; of primary textual sources (especially the literary and documentary sources of European art history); for promising initiatives in online publishing; and for innovative experiments in the field of digital art history.”

Amount: Unspecified

Funding Agency: The National Collaborative on Gun Violence Research (NCGVR)

Title: [Request for Research Proposals on Extreme Risk Protection Orders \(ERPOs\)](#)

Application Deadlines: Letters of Interest due September 5, 2023; If invited, Full Applications due November 20, 2023

Purpose: “NCGVR has issued a request for proposals for rigorous research, dissertation and postdoctoral projects on ERPOs, also known as red flag laws, in the United States.”

Amount: No maximum limit on individual research awards; \$25,000 for dissertation awards; \$50,000 for postdoctoral awards.

Funding Agency: U.S. Department of Energy (DOE): Energy Efficiency & Renewable Energy (EERE)

Title: [Materials, Operation and Recycling of Photovoltaics \(MORE PV\)](#)

Application Deadlines: Letters of Intent due September 6, 2023; Concept Paper due September 13, 2023; If invited, Full Applications due November 28, 2023

Purpose: “The Solar Energy Technologies Office SETO will provide funding for research and development to reduce material usage, improve installation quality and resilience of photovoltaic (PV) systems, and address handling of PV systems at the end of life.”

Amount: \$2,000,000-\$8,000,000

Funding Agency: U.S. Department of Agriculture (USDA): National Institute of Food and Agriculture (NIFA)

Title: [Request for Applications: Agriculture and Food Research Initiative \(AFRI\): Foundational and Applied Science Program](#)

Application Deadlines: September 7, 2023, September 14, 2023 and more, depending on Program Area Priority

Purpose: “The AFRI Foundational and Applied Science Program supports grants in AFRI priority areas to advance knowledge in both fundamental and applied sciences important to agriculture.” Topics vary greatly; for instance, proposals topics due in September include “Water Quantity and Quality,” “Nanotechnology for Agricultural and Food Systems,” “Rural Economic Development,” and “Center for Research, Behavioral Economics, and Extension on Food Loss & Waste.”

Amount: Varies by topic but generally \$300,000 for Seed Grants, \$650,000-1,000,000 for Standard Grants and \$50,000 for Conference Grants.

REMINDER - Funding Agency: U.S. Department of Defense (DOD)

Title: [Fiscal Year \(FY\) 2024 Department of Defense Multidisciplinary Research Program of the University Research Initiative \(MURI\)](#)

Application Deadline: September 8, 2023

Purpose: “The MURI program supports basic research in science and engineering at U.S. institutions of higher education that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest to the DoD.”

Amount: Typically, between \$1,250,000 and \$1,500,000 but varies by topic.

Funding Agency: Scripps Howard Fund

Title: [Journalism Grants](#)

Application Deadline: September 10, 2023

Purpose: “The Scripps Howard Fund is seeking innovative ideas to get post-secondary students from diverse backgrounds invested in journalism and foster environments where all journalism students can actively participate and feel welcome. Special consideration will be given to proposals that offer experiential learning as an element of the project.”

Amount: \$30,000

Funding Agency: National Science Foundation (NSF)

Title: [A Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise \(SoS:Bio\)](#)

Application Deadlines: September 11, 2023 and February 9, 2024

Purpose: “SoS:Bio is a joint program between the National Institute of General Medical Sciences of the National Institutes of Health and the Science of Science: Discovery, Communication, and Impact Program of the NSF. SoS:Bio supports research that advances the scientific basis of science and innovation policy, with a focus on the biomedical sciences. SoS:Bio will fund the development of models, analytical tools, data and metrics that can inform science policy and the development of the scientific enterprise. SoS:Bio welcomes individual and collaborative research projects and places a high priority on interdisciplinary research and on broadening participation.”

Amount: \$100,000-\$250,000 per year

Funding Agency: National Science Foundation (NSF)

Title: [Science of Science: Discovery, Communication and Impact \(SoS:DCI\)](#)

Application Deadlines: September 11, 2023 and February 12, 2024

Purpose: “The SoS:DCI program is designed to advance theory and knowledge about increasing the public value of scientific activity. Science of Science draws from multiple disciplinary and field perspectives to advance theory and research about scientific discovery, communication and impact.”

Amount: Standard NSF Grant

Funding Agency: National Science Foundation (NSF)

Title: [Industry-University Cooperative Research Centers Program \(IUCRC\)](#)

Application Deadlines: Mandatory Preliminary Proposals due September 13, 2023; If invited, full applications due December 13, 2023

Purpose: “The IUCRC program provides a structure for academic researchers to conduct fundamental, pre-competitive research of shared interest to industry and government organizations. These organizations pay membership fees to a consortium so that they can collectively envision and fund research, with at least 90% of Member funds allocated to the direct costs of these shared research projects. IUCRCs are formed around research areas of strategic interest to U.S. industry. Industry is defined very broadly to include companies (large and small), startups and non-profit organizations. Principal Investigators form a Center around emerging research topics of current research interest, in a pre-competitive space but with clear pathways to applied research and commercial development. Industry partners join at inception, as an existing Center grows or they inspire the creation of a new Center by

recruiting university partners to leverage NSF support. Government agencies participate in IUCRCs as Members or by partnering directly with NSF at the strategic level.”

Amount: \$20,000-\$150,000 per year depending on project type

Funding Agency: U.S. Department of Defense: Congressionally Directed Medical Research Programs (CDMRP)

Title: [FY23 Toxic Exposures Research Program \(TERP\)](#)

Application Deadlines: Mandatory Pre-Application (Letter of Intent) due September 13, 2023; Full Applications due October 4, 2023

Purpose: “The vision of the TERP is to minimize and mitigate the impact of military-related toxic exposures and improve the health and quality of life of those affected. The TERP aims to support impactful and highly relevant research focused on military-related toxic exposures that Service Members, Veterans, or their beneficiaries may be exposed to as a result of deployed, garrison, or other work environments and living conditions. It is expected that research findings would also benefit the general population.”

Amount: \$500,000 in direct costs

Funding Agency: Department of Energy (DOE): National Energy Technology Laboratory

Title: [Underserved and Indigenous Community Microgrids \(UICM\)](#)

Application Deadline: September 15, 2023

Purpose: “his Funding Opportunity Announcement is specifically focused to conduct research, development and demonstrations (RD&D) to develop and implement replicable microgrid solutions for underserved and Indigenous communities in remote and islanded regions throughout the United States. The research shall focus on development and deployment/demonstration of advanced microgrid-enabling technologies, including renewable generation and storage systems, multi-nodal small-scale high-voltage direct current, advanced demand-side management strategies, and microgrid control systems.”

Amount: \$800,000-\$1,450,000, depending on area of interest; Note, cost match is required.

Funding Agency: Leukemia & Lymphoma Society (LLS)

Title: [Equity in Access Research Program](#)

Application Deadlines: Mandatory Letter of Intent due September 15, 2023; If invited, Full Applications due January 26, 2024

Purpose: “LLS aims to generate new evidence that can guide policy reform and changes in healthcare practice, in order to mitigate the impact of social, economic and environmental disadvantages and reduce barriers to care.”

Amount: \$750,000

Funding Agency: The Eppley Foundation for Research

Title: [Advanced Scientific Research Grants](#)

Application Deadlines: Letters of Intent due September 15, 2023; If invited, full applications due October 15, 2023.

Purpose: “The Eppley Foundation for Research was incorporated in 1947 for the purpose of “increasing knowledge in pure or applied science...in chemistry, physics and biology through study, research and publication.” The Foundation does not support work in the social sciences, education or computer science, and only rarely funds research into diseases that have considerable financial support available, such as AIDS, diabetes, cancer and heart disease. Particular areas of interest include innovative medical investigations, climate change, whole ecosystem studies, as well as research on single species if they are of particular significance in their environments, in the U.S. and abroad.”

Amount: The Eppley Foundation for Research is a small, family foundation that disburses up to \$460,000 a year. Review website for recent past grants and amounts.

Funding Agency: Simons Foundation Mathematics and Physical Sciences (MPS) Division

Title: [Targeted Grants to Institutes](#)

Application Deadline: September 20, 2023

Purpose: “The program is intended to support established institutes or centers in mathematics, theoretical physics and theoretical computer science through funding to help strengthen contacts within the international scientific community. Our aim is to enable institutes to extend and enhance their missions; this program will not provide primary support for operating or establishing an institute.”

Amount: \$250,000 per year

Funding Agency: Institute of Education Sciences (IES): National Center for Education Research (NCER), Assistance Listing 84.305A

Title: [Assistance Listing 84.305A: Education Research Grants Program](#)

Application Deadline: September 21, 2023

Purpose: “IES intends to provide national leadership in expanding knowledge and understanding of (1) developmental and school readiness outcomes for infants and toddlers with or at risk for a disability, (2) education outcomes for all learners from early childhood education through postsecondary and adult education, and (3) employment and wage outcomes when relevant (such as for those engaged in career and technical, postsecondary, or adult education). The IES research grant programs are designed to provide interested individuals and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all learners.”

Amount: \$300,000-\$800,000

Funding Agency: Institute of Education Sciences (IES): National Center for Special Education Research (NCSER), Assistance Listing 84.324A, 84.324B, 84.324C

Title: [Assistance Listings 84.324A-C: Special Education Research Grant Programs](#)

Application Deadlines: September 21, 2023 for 84.324A and 84.324B; January 11, 2024 for 84.324C

Purpose: “NCSER is announcing three competitions—one competition in each of the following areas: special education research, special education research training, and special education research and development center.”

Amount: \$100,000-\$1,000,000 depending on topic

Funding Agency: Patient-Centered Outcomes Research Institute (PCORI)

Title: [Engagement Awards October 2023 Cycle](#)

Application Deadline: Letters of Intent due September 28, 2023; If invited, Full Applications due January 10, 2024

Purpose: “The Engagement Award Program supports projects that encourage active, meaningful involvement of patients, caregivers, clinicians and other healthcare stakeholders in all phases of patient-centered outcomes research/comparative clinical effectiveness research. These awards are not research funding opportunities.”

Amount: \$100,000 for Stakeholder Convening Support, \$250,000 for Capacity Building and Dissemination Initiatives

Funding Agency: U.S. Department of Energy: American Made

Title: [Wind Turbine Materials Recycling Prize](#)

Application Deadline: September 29, 2023

Purpose: “In the first phase, Initiate!, DOE invites participants to present innovative technologies that have previously not been applied to recycling of wind energy system materials, as well as technologies that could substantially improve existing wind material recycling processes. During the second phase, Accelerate!, competitors will demonstrate prototypes of their technologies.”

Amount: \$75,000 in cash prizes

Funding Agency: Whitehall Foundation

Title: [Research Grants and Grants-in-Aid](#)

Application Deadlines: Letters of Intent due October 1, 2023; If invited, full applications due February 15, 2024.

Purpose: “The Whitehall Foundation is a not-for-profit corporation that is focused exclusively on assisting basic research in vertebrate (excluding clinical) and invertebrate neurobiology in the United States. Investigations should specifically concern neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior. The overall goal should be to better understand behavioral output or brain mechanisms of behavior.”

Amount: Research Grants typically \$100,000 per year; Grants-in-Aid are up to \$30,000 for one year period only.

Funding Agency: National Institutes of Health (NIH)

Title: [Research on Bioethical Issues Related to Bionic and Robotic Device Development and Translation \(R21 Clinical Trial Optional\)](#)

Application Deadline: October 2, 2023

Purpose: “Ethical considerations are intrinsic to the conduct of robotic and bionic device research. This Funding Opportunity Announcement invites applications that propose research on ethical questions associated with all stages of the design, testing, and/or implementation of bionic and robotic devices.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

Funding Agency: National Institutes of Health (NIH): National Institute of Environmental Health Sciences (NIEHS)

Title: [Time-Sensitive Research Opportunities in Environmental Health Sciences \(R21 Clinical Trial Not Allowed\)](#)

Application Deadlines: October 2, 2023, December 1, 2023, and February 1, 2024

Purpose: “This Notice of Funding Opportunity (NOFO) is intended to support novel environmental health research in which an unpredictable event or policy change provides a limited window of opportunity to collect human biological samples or environmental exposure data. The primary motivation of the NOFO is to understand the consequences of natural and human-made disasters, emerging environmental public health threats, and policy changes in the U.S. and abroad. A distinguishing feature of an appropriate study is the need for rapid review and funding, substantially shorter than the typical NIH grant review/award cycle, for the research question to be addressed and swiftly implemented.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

Funding Agency: National Institutes of Health (NIH)

Title: [Preclinical Proof of Concept Studies for Rare Diseases \(R21 Clinical Trial Not Allowed\)](#)

Application Deadlines: October 2, 2023, June 3, 2024 and June 2, 2025

Purpose: “This Notice of Funding Opportunity (NOFO) provides funding to conduct efficacy studies in an established rare disease preclinical model to demonstrate that a proposed therapeutic agent warrants further development. In addition to preclinical efficacy, accompanying pharmacodynamic and pharmacokinetic studies would be supported. Therapeutic agents include small molecules, biologics or biotechnology-derived products. The goal of this NOFO is to spur therapeutic development for rare diseases by advancing projects to the point where they would attract subsequent investment supporting full Investigational New Drug application development or progression to clinical trials in the case of repurposing or repositioning.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

Funding Agency: Herb Block Foundation

Title: [Defending Basic Freedoms](#)

Application Deadlines: Letter of Intent due October 5, 2023, If invited, Full Applications due December 14, 2023

Purpose: “This program helps safeguard the basic freedoms guaranteed in our Bill of Rights, to help eliminate all forms of prejudice and discrimination, and to assist government agencies to be more accountable to the public. The Herb Block Foundation will also consider contemporary societal issues that may arise. Grants are available nationwide.”

Amount: \$5,000-\$25,000

Funding Agency: National Institutes of Health (NIH)

Title: [Addressing the Etiology of Health Disparities and Health Advantages Among Immigrant Populations \(R01 Clinical trial not allowed\)](#)

Application Deadline: October 5, 2023

Purpose: “The purpose of this Notice of Funding Opportunity is to support innovative research to understand factors uniquely associated with the immigration experience that contribute to health disparities or health advantages among U.S. immigrant populations.”

Amount: Application budgets are not limited but need to reflect the actual needs of the proposed project.

Funding Agency: National Institutes of Health (NIH): National Institute of Mental Health (NIMH)

Title: [Laboratories to Optimize Digital Health \(R01 Clinical Trial Required\)](#)

Application Deadline: October 5, 2023

Purpose: “NIMH seeks applications for innovative research projects to test strategies to increase the reach, efficiency, effectiveness, and quality of digital mental health interventions that may impact mental health outcomes, including suicide behaviors and serious mental illness.”

Amount: Application budgets are not limited but need to reflect the actual needs of the proposed project.

Funding Agency: National Institutes of Health (NIH)

Title: [Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants \(R01 Clinical Trial Optional\)](#)

Application Deadline: October 5, 2023

Purpose: “This Notice of Funding Opportunity encourages multidisciplinary projects to investigate the potential health risks of environmental exposures of concern to a community and to develop and implement an environmental public health action plan based on research findings. Projects supported under this program will employ community-engaged research methods to conduct research and to translate research findings into public health action.”

Amount: Application budgets are limited to \$500,000 direct costs.

Funding Agency: National Institutes of Health (NIH)

Title: [Research With Activities Related to Diversity \(ReWARD\) \(R01 Clinical Trial Optional\)](#)

Application Deadlines: October 5, 2023

Purpose: “The NIH Research With Activities Related to Diversity (ReWARD) Program's overarching goal is to enhance the breadth and geographical location of research and research-related activities supported by NIH. The ReWARD program provides support for the health-related research of scientists who are making a significant contribution to Diversity, Equity, Inclusion, and Accessibility (DEIA) and who have no current NIH research project grant funding. The ReWARD program provides funding for both the scientific research and the DEIA activities of investigators. The grant will support scientific research in areas related to the programmatic interests of one or more of the participating NIH Institutes and Centers and ongoing DEIA activities focused on enhancing diversity in the biomedical research enterprise within the United States and territories.”

Amount: Application budgets are not limited but need to reflect the actual needs of the proposed scientific research project and DEIA activities.

Funding Agency: National Institutes of Health (NIH)

Title: [Addressing the Impact of Structural Racism and Discrimination on Minority Health and Health Disparities \(R01 - Clinical Trial Optional\)](#)

Application Deadline: October 10, 2023

Purpose: “This initiative will support intervention research that addresses structural racism and discrimination in order to improve minority health or reduce health disparities.”

Amount: \$500,000 in direct costs

Funding Agency: American Cancer Society (ACS)

Title: [Research Scholar Grants](#)

Application Deadline: October 15, 2023

Purpose: “Research Scholar Grants provide support for independent, self-directed researchers and clinician scientists, who are investigators licensed to provide patient care and trained to conduct research. Applicants' institutions must provide space and other resources customary for independent investigators. Grant proposals are investigator-initiated and may pursue questions across the cancer research continuum, as long as they fit within an ACS priority research area.”

Amount: \$165,000/year in direct costs for most awards; Up to \$200,000/year in direct costs for multilevel studies on Cancer Health Equity

Funding Agency: American Cancer Society

Title: [RFA: The Role of Health Policy and Health Insurance in Improving Access to and Performance of Cancer Prevention, Early Detection, and Treatment Services](#)

Application Deadline: October 15, 2023

Purpose: “There is a need for research that evaluates the impact of the many changes now occurring in the healthcare system with a particular focus on cancer prevention, control, and treatment. Efforts focusing on improving access to care may also impact inequities that contribute to health disparities. Public health policy initiatives such as the federal and state marketplaces that have expanded insurance coverage, as well as Medicaid expansion in some states, create natural experiments ripe for evaluation. Research to be funded by this RFA should focus on the changes in national, state, and/or local policy and the response to these changes by healthcare systems, insurers, payers, communities, practices, and patients.”

Amount: Up to \$200,000 per year in direct costs

Funding Agency: National Institutes of Health (NIH): National Institute on Minority Health and Health Disparities (NIMHD)

Title: [NIMHD Exploratory/Developmental Research Grant Program \(R21 - Clinical Trial Optional\)](#)

Application Deadline: October 16, 2023

Purpose: “NIMHD invites applications to support short-term exploratory or developmental research projects that have the potential to break new ground in the fields of minority health and/or health disparities or extend previous discoveries toward new directions or applications that can directly contribute to improving minority health and/or reducing health disparities in the U.S.”

Amount: \$275,000 in direct costs

Funding Agency: National Institutes of Health (NIH): National Institute of Mental Health (NIMH)

Title: [Innovative Pilot Mental Health Services Research Not Involving Clinical Trials \(R34 Clinical Trial Not Allowed\)](#)

Application Deadline: October 16, 2023

Purpose: “The purpose of this Notice of Funding Opportunity is to encourage innovative pilot research that will inform and support the delivery of high-quality, continuously improving mental health services to benefit the greatest number of individuals with, or at risk for developing, a mental illness.”

Amount: Direct costs are limited to \$450,000 over the R34 project period.

Funding Agency: National Institutes of Health (NIH): National Institute of Mental Health (NIMH)

Title: [Implementing and Sustaining Evidence-Based Mental Health Practices in Low-Resource Settings to Achieve Equity in Outcomes \(R34 Clinical Trial Required\)](#)

Application Deadline: October 16, 2023

Purpose: “This Funding Opportunity Announcement (FOA) supports pilot work for subsequent studies testing the effectiveness of strategies to deliver evidence-based mental health services, treatment interventions, and/or preventive interventions (EBPs) in low-resourced mental health specialty and non-specialty settings within the United States. The FOA targets settings where EBPs are not currently delivered or delivered with fidelity, such that there are disparities in mental health and related functional outcomes (e.g., employment, educational attainment, stable housing, integration in the community, treatment of comorbid substance use disorders) for the population(s) served. Implementation strategies should identify and use innovative approaches to remediate barriers to provision, receipt, and/or benefit from EBPs and generate new information about factors integral to achieving equity in mental health outcomes for underserved populations.”

Amount: \$450,000 in direct costs

Funding Agency: National Institutes of Health (NIH): National Cancer Institute (NCI)

Title: [Co-infection and Cancer \(R21 Clinical Trial Not Allowed\)](#)

Application Deadline: October 16, 2023

Purpose: “The purpose of this Notice of Funding Opportunity is to enhance mechanistic and epidemiologic investigations addressing the roles of co-infection and cancer to shed light on presently unestablished pathways in carcinogenesis that may inform prevention and treatment strategies for infection-related cancers. Co-infection is defined as the occurrence of infections by two or more infectious (pathogenic or non-pathogenic) agents – either concurrently or sequentially – and includes both acute and chronic infections by viruses, bacteria, parasites, and/or other microorganisms.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

Funding Agency: Agency for Healthcare Research and Quality (AHRQ)

Title: [AHRQ Small Research Projects to Advance the Science of Primary Care \(R03\)](#)

Application Deadline: October 16, 2023

Purpose: “The AHRQ Small Research Grant Program supports small research projects that can be carried out in a short period of time with limited resources. This program supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. This NOFO aims to support small research projects that advance the understanding of the role and capacity of primary care to increase the value and quality of care and improve patient outcomes and population health by delivering person-centered care.”

Amount: \$100,000

Funding Agency: Agency for Healthcare Research and Quality (AHRQ)

Title: [AHRQ/PCORI Learning Health System Small Grant Pilot Program \(R03\)](#)

Application Deadline: October 16, 2023

Purpose: “The Agency for Healthcare Research and Quality (AHRQ), in partnership with the Patient-Centered Outcomes Research Institute (PCORI), invites applications for funding to support innovative patient-centered outcomes research small pilot projects in Learning Health Systems (LHS) that evaluate the outcomes of embedded research and evaluate the processes by which embedded research can enhance impact, stakeholder engagement, and other health system-identified outcomes of interest.”

Amount: \$100,000

Funding Agency: National Institutes of Health (NIH): National Institute of Mental Health (NIMH)

Title: [Schizophrenia and related disorders during mid- to late-life \(R21 Clinical Trial Optional\)](#)

Application Deadlines: October 16, 2023; February 16, 2024

Purpose: “The purpose of this Notice of Funding Opportunity is to encourage applications that will advance translational research to better understand the emergence, trajectory, and outcomes of schizophrenia and related psychotic disorders in mid- to late-life, and to identify targets for future development of prevention and treatment interventions.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

Funding Agency: National Institutes of Health (NIH): National Institute of Mental Health (NIMH)

Title: [Cellular and Molecular Biology of Complex Brain Disorders \(R21 Clinical Trial Not Allowed\)](#)

Application Deadlines: October 16, 2023; February 16, 2024

Purpose: “This Notice of Funding Opportunity (NOFO) encourages research on the biology of high confidence risk factors associated with complex brain disorders, with a focus on the intracellular, transcellular and circuit substrates of neural function. For the purposes of this NOFO, the term “complex” can refer to a multifactorial contribution to risk (e.g., polygenic and/or environmental) and/or highly distributed functional features of the brain disorder. Studies may be either hypothesis-generating (unbiased discovery) or hypothesis-testing in design and may utilize in vivo, in situ, or in vitro experimental paradigms, e.g., model organisms or human cell-based assays.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

Funding Agency: National Institutes of Health (NIH): National Institute of Mental Health (NIMH)

Title: [Social disconnection and Suicide Risk in Late Life \(R21 Clinical Trial Optional\)](#)

Application Deadlines: October 16, 2023; February 16, 2024

Purpose: “The purpose of this Notice of Funding Opportunity is to encourage research that addresses the link between social disconnection in late-life and late-life suicidal thoughts and behaviors. Of specific interest is research that identifies mechanisms by which social disconnection confers risk for, and social integration protects against, suicidal thoughts and behaviors in late life. Mechanisms to be considered exist at multiple levels of analysis, including but not limited to neurobiological, behavioral, and environmental.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

Funding Agency: National Science Foundation (NSF)

Title: [Mathematical and Physical Sciences Ascending Postdoctoral Research Fellowships \(MPS-Ascend\)](#)

Application Deadline: October 18, 2023

Purpose: “The purpose of the MPS-Ascend program is to support postdoctoral Fellows who will broaden the participation of members of groups that are historically excluded and currently underrepresented in MPS fields in the U.S., defined in this solicitation as Blacks or African Americans, Hispanics, Latinos, Indigenous and Native Americans, Alaska Natives, Native Hawaiians and other Native Pacific Islanders, as future leaders in MPS fields.”

Amount: Stipend (\$70,000) and Fellowship Allowance (\$30,000) per year

Funding Agency: National Institutes of Health (NIH): National Cancer Institute (NCI)

Title: [Innovative Research in Cancer Nanotechnology \(IRCN; R01 Clinical Trial Not Allowed\)](#)

Application Deadline: November 3, 2023

Purpose: “NCI encourages applications promoting transformative discoveries in cancer biology and/or oncology through the use of nanotechnology. Proposed projects should address overcoming major barriers in cancer biology and/or oncology using nanotechnology and should focus on mechanistic studies to expand the fundamental understanding of nanomaterial and/or nano-device interactions with biological systems. These studies are expected to be relevant to the delivery of nanoparticles and/or nano-devices to desired and intended cancer targets in vivo and/or characterization of detection and diagnostic devices and sensors in vitro. IRCN awards are expected to produce fundamental knowledge to aid future and more informed development of nanotechnology-based cancer interventions. The clinical translation of these interventions is outside of scope.”

Amount: Application budgets are limited to \$475,000 in direct costs per year and need to reflect the actual needs of the proposed project.

Funding Agency: National Science Foundation (NSF)

Title: [Archaeology Program Senior Research Awards \(Arch-SR\)](#)

Application Deadline: December 1, 2023

Purpose: “The Archaeology Program supports anthropologically relevant archaeological research to increase understanding of past behaviors. This means that the value of the proposed research can be justified within an anthropological context. It is the responsibility of the investigator to explain convincingly why the focus of their research is significant and has the potential to contribute to anthropological knowledge. The program sets no priorities by either geographic region or time period. It also has no priorities in regard to theoretical orientation or question. While the program, in order to encourage innovative research, neither limits nor defines specific categories of research, most proposals either request funds for field research or the analysis of archaeological material through multiple approaches.”

Amount: Standard NSF Grant

Funding Agency: Brady Education Foundation

Title: [Proposals for Program Evaluations](#)

Application Deadlines: Stage 1 proposals due December 1, 2023; if invited, Stage 2 proposals due April 1, 2024

Purpose: “The Foundation is currently accepting Research Project proposals and Existing Program Evaluation proposals that have the potential to provide data that will inform how to address disparities in educational opportunities associated with race, ethnicity, and family income.”

Amount: Stipend (\$70,000) and Fellowship Allowance (\$30,000) per year

ONGOING - Funding Agency: Advanced Research Projects Agency for Health (ARPA-H)

Title: [ARPA-H Open Office Broad Agency Announcement](#)

Application Deadline: Abstracts accepted now through March 14, 2024

Purpose: “ARPA-H’s mission is to accelerate better health outcomes for everyone by supporting the development of high-impact solutions to society's most challenging health problems. Awardees will develop groundbreaking new ways to tackle health-related challenges through high-potential, high-impact biomedical and health research. With a scope spanning the molecular to the societal, ARPA-H seeks proposals that aim to rapidly achieve better health outcomes across patient populations, communities, diseases, and health conditions, including in support of the Cancer Moonshot. Proposals are expected to use innovative approaches to enable revolutionary advances in science, technology, or systems. The four initial focus areas are:(1) Health Science Futures; (2) Scalable Solutions; (3) Proactive Health; and (4) Resilient Systems.”

Amount: TBD (contracting opportunity)

Funding Agency: WITH Foundation

Title: [Open Grant Cycle](#)

Application Deadline: Ongoing; Letters of Intent accepted during either grant cycle of March 1 or November 1

Purpose: “WITH Foundation was created to provide financial support to organizations that promote comprehensive healthcare for adults with developmental disabilities. All grant applications should complement this mission and demonstrate how they will accomplish this overarching goal.”

Amount: \$30,000-\$50,000

REMINDER - Funding Agency: ORAU

Title: [Innovation Partnerships Grant Program](#)

Application Deadline: Ongoing

Purpose: “ORAU Events Sponsorship Grant Program has now been restructured and is now called the ORAU Innovation Partnerships Grant Program. The goal of this grant program change is to drive new opportunities for university consortium members and ORAU experts to formulate meaningful collaborations. The program will focus on research and education topics that align well with ORAU’s expertise and current research priorities (Climate & Environment, Health Equity, and Future of the STEM Workforce.)”

Amount: \$4,000

Funding Agency: National Science Foundation

Title: [NSF Individual and Small Team Proposals](#)

Application Deadline: Varies by topic.

[Advanced Manufacturing](#) – proposals accepted anytime

[Applied Mathematics](#) – Nov 1-15, 2023

[Astronomy and Astrophysics](#) – Oct 1-Nov 15, 2023

[Atmospheric and Geospace Sciences Postdoctoral Research Fellowships \(AGS-PRF\)](#) – proposals accepted anytime

[Biomechanics and Mechanobiology](#) – proposals accepted anytime

[Biosensing](#) – proposals accepted anytime

[Chemistry: Disciplinary Research Programs](#) – Sep & Oct - varies based on discipline

[Computational & Data-Enabled Science and Engineering](#) – Sep & Oct – varies based on discipline

[Cultural Anthropology Program Senior Research Awards](#) –Jan 16, 2024

[Directorate for Education and Human Resources \(EHR\) Core Research \(EHR:Core\)](#) – Oct 5, 2023

[Division of Materials Research: Topical Materials Research Programs \(DMR-TMRP\)](#) – proposals accepted anytime

[Division of Molecular and Cellular Biosciences Core Programs \(MCB\)](#) - proposals accepted anytime

[Ecology and Evolution of Infectious Diseases](#) – Nov 15, 2023

[Energy, Power, Control, and Networks](#) – proposals accepted anytime

[Environmental Biology](#) – proposals accepted anytime

[Environmental Engineering](#) – proposals accepted anytime

[Foundational Research in Robotics \(FFR\)](#) – proposals accepted anytime

[Geomorphology and Land-use Dynamics](#) – proposals accepted anytime

[Geophysics](#) – proposals accepted anytime

[Linguistics](#) –Jan 15, 2024

[Manufacturing Systems Integration](#) - proposals accepted anytime

[Mathematical Biology](#) – proposals accepted anytime

[Methodology, Measurement, and Statistics](#) – Aug 31, 2023

[Molecular and Cellular Biosciences](#) – proposals accepted anytime

[Physics](#) – Nov & Dec – varies by topic

[Science of Learning & Augmented Intelligence](#) –Feb 14, 2024

[Secure & Trustworthy Cyberspace](#) – proposals accepted anytime

[Security and Preparedness](#) –Jan 15, 2024

[Smart & Connected Communities](#) – proposals accepted anytime until April 1, 2024

[Social Psychology](#) – Jan 16, 2024

[Sociology](#) – proposals accepted anytime

[Statistics](#) – Dec 1-15 annually

Funding Agency: National Science Foundation

Title: [NSF Special Programs](#)

Application Deadline: Varies by topic – click each topic to learn more about these special program opportunities.

[Broadening Participation in Engineering \(BPE\)](#) – Track 3 & 4 Letter of Intent due Sep 20, 2023; Track 1 & 2 proposals accepted anytime

[Computer and Information Science and Engineering \(CISE\): Core Programs](#) – Varies by size of application (Small, Medium, Large)

[Critical Aspects of Sustainability \(CAS\)](#) – Accepted anytime

[Computer Science for All \(CS for All\)](#) – Feb 14, 2024

[Division of Chemistry: Disciplinary Research Programs \(CHE-DRP\)](#) – Oct 31, 2023 for CMI, ECS and MSN; Sep 30, 2023 for CAT, CSDM-B, SYN

[Division of Materials Research: Topical Materials Research Program](#) – Accepted anytime

[Division of Physics: Investigator-Initiated Research Projects](#) – Varies by topic

[Earth Sciences: Instrumentation and Facilities Program](#) – Accepted anytime

[Ethical and Responsible Research \(ER2\)](#) – Jan 22, 2024

[Expeditions in Computing](#) – Varies by topic

[Human-Environment and Geographical Sciences Program \(HEGS\)](#) – Jan 16 and Aug 20, 2024

[Industry-University Cooperative Research Centers Program \(IUCRC\)](#) – Preliminary Proposal due Sep 13, 2023

[Mathematical Sciences Infrastructure Program](#) – Feb 6 and Aug 6, 2024

[Research and Mentoring for Post-baccalaureates in Biological Sciences \(RaMP\)](#) – Jan 18, 2024

[Research Experiences for Undergraduates \(REU\)](#) – September 27, 2023

[Research Experiences for Teachers \(RET\) in Engineering and Computer Science](#) – Oct 11, 2023

[Research Experiences for Teachers \(RET\) in Biological Sciences \(BIORETS\)](#) – Jul 31, 2024

EDUCATION / TRAINING

WSU Office of Research Workshops

Topics include an Introduction to the WSU Office of Research with resources and contacts, WSU policies and procedures related to research, finding funding utilizing Pivot, project

budgeting and general grant-writing tips. Previously recorded workshops can also be found on the Office of Research website.

[Office of Research Workshops](#)

Hanover Research Grants Workshops: July 27, 2023

Hanover Research offers a series of webinars on a variety of topics “designed to help grant-seekers develop their skills and plan for upcoming competitions.” The webinar on July 27, 2023 is titled “Developing Grant Proposal Aims and Objectives.”

[Register for Hanover Workshop on July 27, 2023](#)

WSU Information Security: Privacy & Security Training: August 8, 2023; 4:00-5:00pm in RSC Room 256 (Edmiston)

Gina Riggs and Mark Rodee offer WSU Privacy and Security Training monthly on the second Tuesday of every month during the academic year. Learn how to prevent, detect and respond to information security and privacy concerns. If you have a question before the next scheduled training, please reach out to Gina and Mark at the email address below.

Email informationsecurity@wichita.edu with questions.

Hispanic Serving Institutions (HSI) STEM Hub: 2022-2023 Grant Training Webinar Series: September 8, 2023

The NSF HSI STEM Resource Hub Fall 2022 and Spring 2023 webinar series focuses on celebrating and learning from successful NSF HSI awardees. We host panels of successful PIs on specific topics that will engage our audience and support grant writing efforts for those planning a proposal submission. This webinar series focuses on a broad array of topics that promote student success, wellness and diversity and inclusion. Dr. Martha Desmond and Dr. Delia Valles are the hosts for this series. The HSI STEM Hub recommends participation in these webinars to learn from successful awardees, particularly if you are currently writing a proposal or are interested in writing a proposal to secure a grant. The September 8, 2023 topic is “Online Adaptation to Promote Student Success” (rescheduled from May 5, 2023).

[Register for HSI STEM Hub Spring 2023 Grant Training Webinar Series](#)

REMINDER - Hanover Grants Learning Center Available

WSU Faculty and Staff may now access course content through the Hanover Research Grants Learning Center by registering and using a referral code. Courses are designed for on-demand grantsmanship training.

Email proposals@wichita.edu to request the referral code to register for access to the Hanover Research Grants Learning Center.

Learn to Use BeoShock for your Advanced Research Computing Needs

Wichita State University continues to host Beoshock, a High-Performance Computing Cluster (HPC). This HPC is available and free to faculty members, researchers and students engaged in course work or research activities. BeoShock runs the CentOS Linux operating system and features approximately 720 processor cores, two high memory compute nodes with 1.5 terabytes of memory, and four graphics processing unit (GPU) accelerators. BeoShock also has a variety of software tools that may be helpful in your research endeavors, such as Matlab, Mathematica, R, Python and many more.

Learn more about [BeoShock High-Performance Computing](#) and access the [BeoShock High Performance Computing User Guides](#)

IMPORTANT ANNOUNCEMENTS

Office of Research EMPLOYEE SPOTLIGHT – Laura Pham

Laura joined the Office of Research in February of 2022 as a Grants Coordinator on the Pre-Award Team, and by July of 2022, she was promoted to the position of Contracts and Grants Specialist. Laura attended College of the Ozarks, receiving a Bachelor of Science in Ag. Horticulture. She utilized her degree by working at Botanica for seven years, beginning as an intern, continuing all the way to the first staff gardener position for the Downing Children's Garden. She then chose to utilize her minor in Sociology and worked as an Activities and Admissions Coordinator for the Timbers Apartments at the Cerebral Palsy Research Foundation. Laura is glad to have now found her career home in WSU, loving the challenges and variety involved with working in the Office of Research. Her husband of 13 years, Quy, also works at WSU as the Executive Catering Chef for Chartwells. Together they love spending time fishing, reading and gaming with their sons, Thomas (9) and Eli (3). [Read more about the Office of Research staff...](#)

National Science Foundation (NSF) Seeks Workshop Proposals on NSF Research on Research Security Program (RRSP)

To more fully understand the nature, scope, challenges, and potential of research security across all research, particularly in the context of National Security Presidential Memorandum-33 and associated supporting documents, NSF is developing a new Research on Research Security Program.

[Read NSF Dear Colleague Letter 23-126](#)

National Science Foundation (NSF) Spring 2023 Virtual Grants Conference Recordings Available

Presentations and recordings of NSF sessions are available in the resource center on demand. Topics include proposal preparation, award management, CAREER program guidance and more.

[Watch NSF Spring 2023 Virtual Grants Conference Sessions](#)

U.S. Department of Energy (DOE) Requiring Promoting Inclusive and Equitable Research (PIER Plans)

Beginning in FY 2023, all DOE Office of Science Funding Opportunity Announcements and DOE National Lab Announcements and other funding solicitations will require applicants to submit a Promoting Inclusive and Equitable Research (PIER) Plan as an appendix to their proposal narrative. PIER Plans should describe the activities and strategies applicants will incorporate to promote diversity, equity, inclusion, and accessibility in their research projects. PIER Plans will be evaluated as part of the merit review process and will be used to inform funding decisions.

[Read More About DOE PIER Plan Requirements](#)

National Academies Accepting Applications for New Voices in Sciences, Engineering and Medicine – Due by August 10, 2023

“New Voices in Sciences, Engineering, and Medicine is a cohort-based leadership program that promotes collaboration among outstanding early- and mid-career scientists, engineers, and medical professionals during a two-year term of service. We are seeking U.S.-based emerging leaders in all disciplines of the sciences, engineering, and medicine with an established track record of professional excellence and demonstrated commitment to service beyond their immediate discipline and institution. Individuals with under-represented backgrounds in the sciences, engineering, and medicine and/or demonstrated interest in science communication, international scientific collaboration, and science policy advice are encouraged to apply.”

[Read More and Apply to New Voices Program](#)

FREE WSU Office of Research Services

Email funding@wichita.edu to:

- Set up a Pivot account and receive guidance on how to search the database to find funding opportunities;

- Subscribe to funding announcements and funding-related alerts; and
- Attend Research Workshops that will help you with finding funding, budgeting and writing effective proposals (and much more)!

Please let us know how we can help you.

Wichita State University Office of Research

<https://www.wichita.edu/research/>

316-978-3285 research@wichita.edu